

Q86432.ST25.txt
SEQUENCE LISTING

<110> KIZAKI, Noriyuki
NISHIYAMA, Tozo
YASOHARA, Yoshihiko

<120> NOVEL CARBONYL REDUCTASE, GENE THEREFOR AND METHOD OF USING THE SAME

<130> Q86432

<140> National Stage based on PCT/JP03/011957

<141> 2005-03-21

<150> PCT/JP03/011957

<151> 2003-09-18

<150> Japan 2002-272976

<151> 2002-09-19

<160> 2

<170> PatentIn version 3.3

<210> 1

<211> 250

<212> PRT

<213> Protein from Devosia riboflavina

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35 40 45

Asp Ala Val Lys Ala Ala Gly Gly Glu Ala Ala Ala Val Ala Val Asp
50 55 60

Val Ala Lys Ala Asp Gln Val Glu Lys Ala Val Gln Phe Ala Val Asp
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Thr Phe Gly Ala Leu His Leu Ala Val Asn Asn Ala Gly Ile Gly Gly
85 90 95

Ala Ser Ala Pro Leu Gly Asp Tyr Ser Phe Asp Asp Trp His Arg Val
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Ile Asp Val Asn Leu Asn Ser Val Phe Tyr Ser Met Lys Tyr Glu Ile
115 120 125

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Val Ala Met Leu Arg Ala Gly Gly Gly Ala Ile Val Asn Met Ala Ser
130 135 140

Ile Leu Gly Ser Val Thr Phe Pro Asn Ala Pro Ala Tyr Val Thr Ala
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Lys His Gly Val Val Gly Met Thr Lys Ser Ala Ala Val Asp Tyr Ala
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Lys Lys Gly Ile Arg Val Thr Ala Val Gly Pro Gly Phe Ile Asp Thr
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Pro Leu Leu Ser Ala Leu Pro Lys Glu Thr Leu Asp Tyr Leu Lys Ser
195 200 205

Val His Pro Ile Gly Arg Leu Gly Thr Ser Asp Glu Val Ala Ala Leu
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His Leu Val Asp Gly Gly Tyr Val Ala Gln
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